

The Institute for Data Intensive Engineering
and Science

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idies
The Institute for Data Intensive Engineering and Science

The next great opportunity and challenge in Big Data lies in developing techniques to analyze exascale datasets and beyond.

Scientists and engineers now perform exascale simulations, and collect exascale observational datasets. But Data Science is just beginning to tackle the problem of how to analyze that data. Current computational techniques are not designed for data on this scale, and allow only a few dozen scientists to analyze large datasets.

At IDIES, we are committed to developing smarter tools for exascale datasets and beyond. With intelligently designed algorithms and computational techniques, we are making Big Data accessible to thousands of scientists, rather than just a few, increasing the discovery rate of Big Data research.



<http://idies.jhu.edu/future/>

The Science of Big Data



S. Alexander Szalay, PhD



IDIES Affiliates and Staff